AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A distributor plate adapted to be releasably mounted on a horizontal lower disc [[(4)]] of a rotor [[(1)]] of a vertical shaft impact crusher, said rotor [[(1)]] having an opening [[(8)]] for the intake of material to be crushed and at least one outflow opening [[(26)]] for material leaving the rotor [[(1)]], wherein a shape of ~~characterised in that~~ the distributor plate ~~(38; 138; 338)~~ is an equilateral polygon as seen from above.

2. (Currently Amended) A distributor plate according to claim 1, wherein the shape of the distributor plate ~~(38; 138; 338) has a shape chosen among~~ is selected from the group consisting of triangular, square, hexagonal, octagonal and nonagonal shapes.

3. (Currently Amended) A distributor plate according to claim 1 [[or 2]], wherein the number of sides ~~(50, 52, 54, 56, 58, 60)~~ of the polygon being chosen is selected such that the number of sides is 1, 2 or 3 times the number of outflow openings ~~(26, 28, 30)~~ of the rotor [[(1)]] to which the distributor plate [[(38)]] is to be mounted.

4. (Currently Amended) A distributor plate according to claim 3, wherein the number of sides ~~(50, 52, 54, 56, 58, 60)~~ is 2 times the number of outflow openings ~~(26, 28, 30)~~ of the rotor [[(1)]].

5. (Currently Amended) A distributor plate according to claim 1 ~~any one of the preceding claims~~, wherein at least one straight side edge [[(50)]] of the distributor plate [[(38)]] is adapted to be parallel to an outflow direction [[(B)]] of material leaving the rotor [[(1)]] and to be parallel and adjacent to a face [[(62)]] of a lower wear plate [[(14)]] protecting the lower disc [[(4)]] from wear.

6. (Currently Amended) A distributor plate according to claim 1 ~~any one of the preceding claims~~, wherein the distributor plate [[(38)]] at the centre of its lower face [[(84)]] has a recess [[(82)]] adapted to make the distributor plate [[(38)]] horizontally turnable around a vertical shaft [[(80)]] mounted on the lower disc [[(4)]], such that the position of the distributor plate [[(38)]] in relation to the lower disc [[(4)]] may be adjusted before mounting the distributor plate [[(38)]].

7. (Currently Amended) A distributor plate according to claim 6, wherein the recess [[(80)]] extends only through a part of the thickness of the distributor plate [[(38)]], the upper face [[(86)]] of the distributor plate [[(38)]] thus being unaffected by said recess [[(80)]].

8. (Currently Amended) A distributor plate according to claim 6 ~~any one of claims 6 to 7~~, wherein the distributor plate [[(38)]] has a lower surface [[(84)]]

which is adapted to be located at a higher level than the upper surface of lower wear plates ~~(14, 16, 18)~~ protecting the lower disc [[(4)]] of the rotor [[(1)]], such that the distributor plate [[(38)]] may be adjusted without removing the lower wear plates ~~(14, 16, 18)~~.

9. (Currently Amended) A distributor plate according to claim 1 ~~any one of the preceding claims~~, wherein the upper face [[(386)]] of the distributor plate [[(338)]] comprises an unbroken layer [[(342)]] of a hard metal ~~, such as tungsten carbide~~.

10. (Currently Amended) A distributor plate according to claim 1 ~~any one of the preceding claims~~, wherein the distributor plate comprises mounting means [[(88)]] located at a vertical side edge [[(50)]] of the distributor plate [[(38)]] and adapted for the mounting of a vertical support ~~(72; 206)~~ fixing the distributor plate [[(38)]] to the lower disc [[(4)]] of the rotor [[(1)]].

11. (Currently Amended) A rotor for a vertical shaft impact crusher, the rotor [[(1)]] having an opening [[(8)]] for the intake of material to be crushed, at least one outflow opening [[(26)]] for material leaving the rotor [[(1)]], and at least one lower wear plate [[(14)]] and a distributor plate [[(38)]] releasably mounted on a horizontal lower disc [[(4)]] of the rotor [[(1)]], wherein ~~characterised in that~~ the distributor plate ~~(38; 138; 338) is~~ has a shape defined by an equilateral polygon as seen from above, at least one straight side edge [[(50)]] of the distributor plate [[(38)]]

being parallel to an outflow direction [[(B)]] of material leaving the rotor [[(1)]] and being parallel to and adjacent to a face [[(62)]] of the lower wear plate [[(14)]].

12. (Newly added) A distributor plate according to claim 9, wherein the upper face of the distributor plate comprises an unbroken layer of tungsten carbide.